

FIG. 1

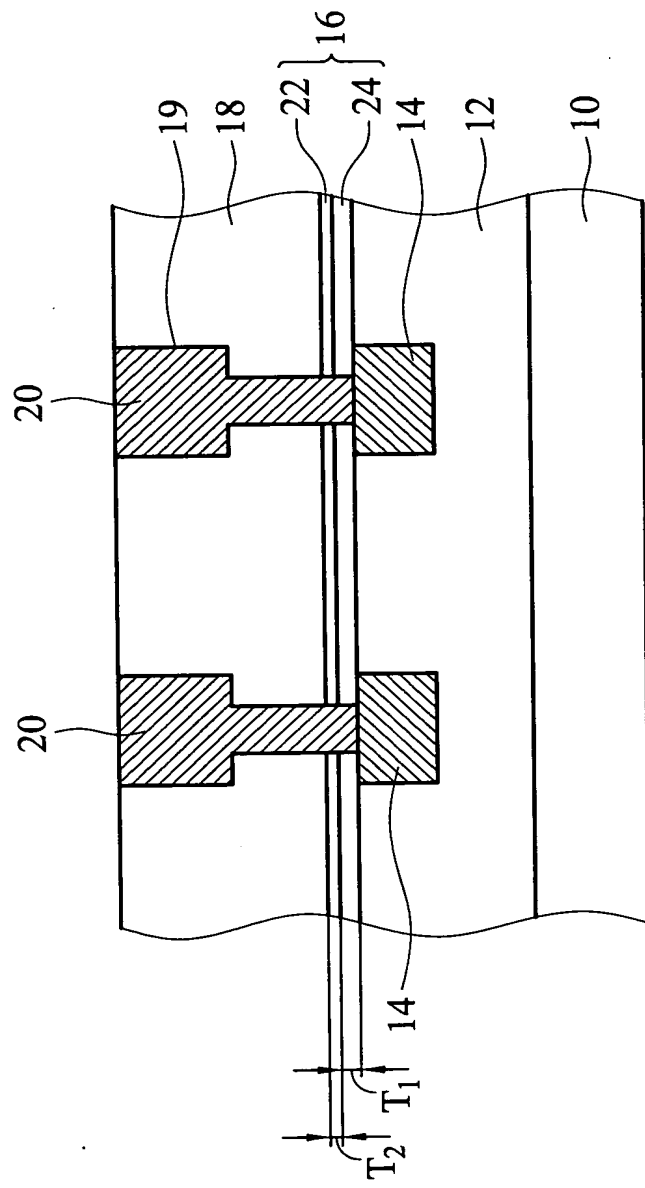


FIG. 2

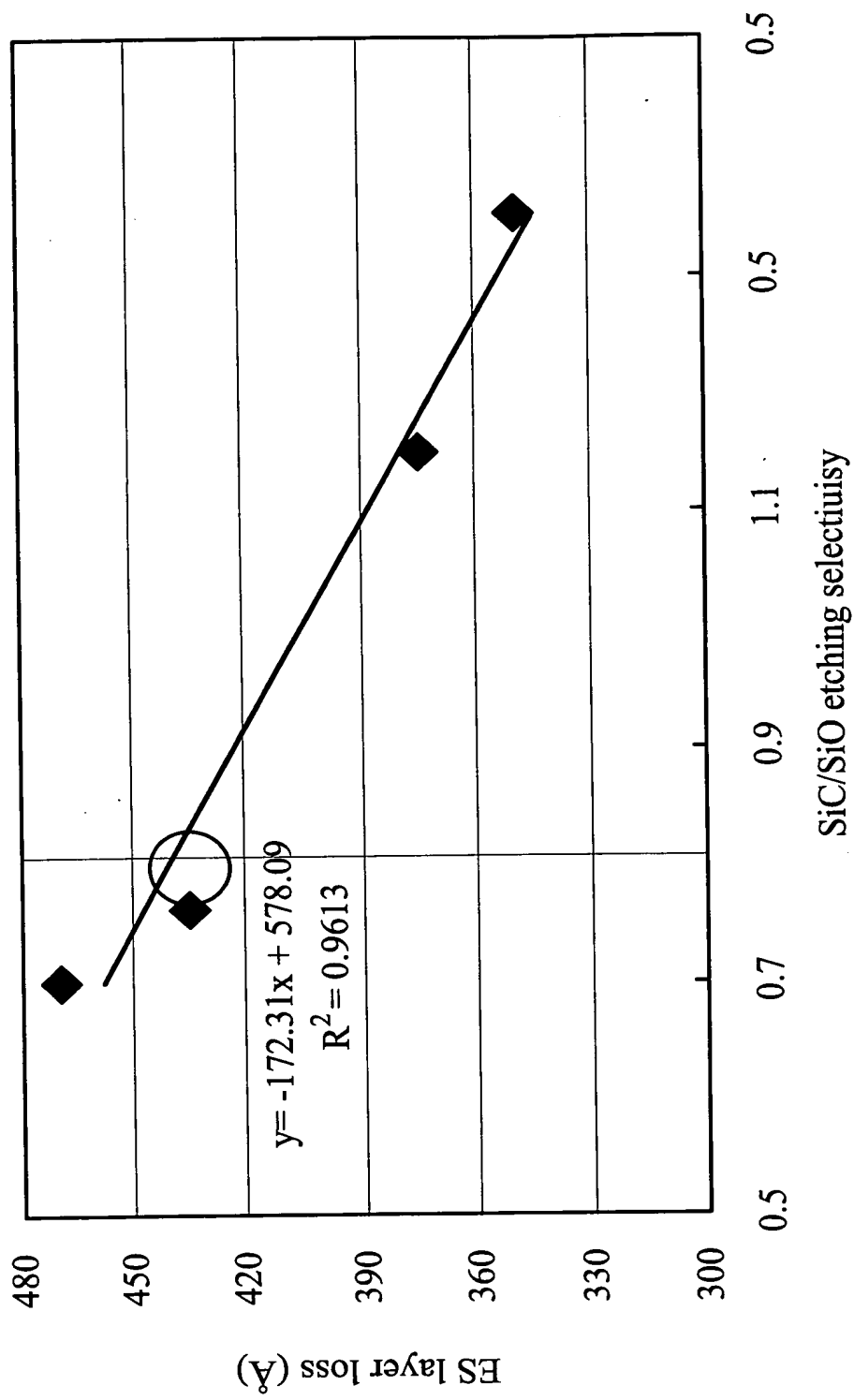


FIG. 3

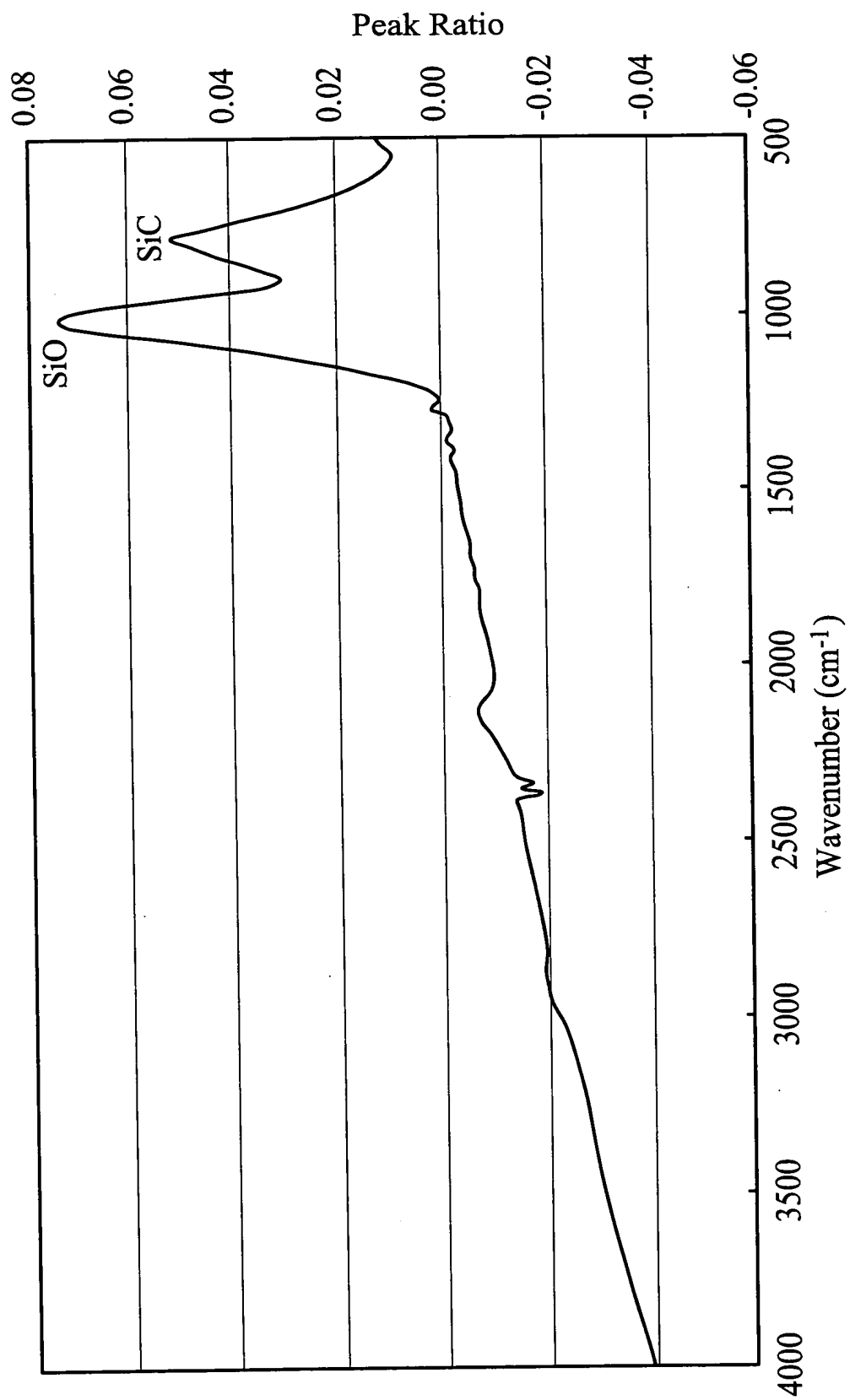


FIG. 4

	Film Properties	Example I	Example II	Example III	Example IV
Low-k IMD layer	K_{IMD} value	3.0	2.5	2.5	2.2
	tensile Stress (dynes/cm ²)	5.0×10^8	4.0×10^8	4.0×10^8	1.7×10^8
	Hardness (Gpa)	2.2	0.84	0.84	0.13
	Modulus (Gpa)	15	8.4	8.4	3.7
ES layer	K_{ES} value	4.5	4.5	3.0	4.5
	compressive Stress (dynes/cm ²)	2.2×10^9	2.2×10^9	5.6×10^9	2.2×10^9
Relative RC delay		1.3	1.11	1.05	1.0

ATTACHMENT